

A.O. Smith

Water Heaters

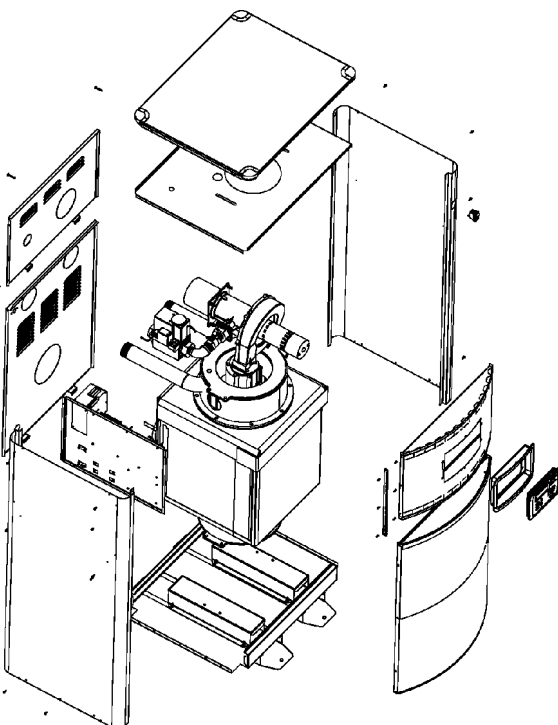
A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068
www.hotwater.com • 1-800-433-2545

COMMERCIAL POWER BURNER BOILER

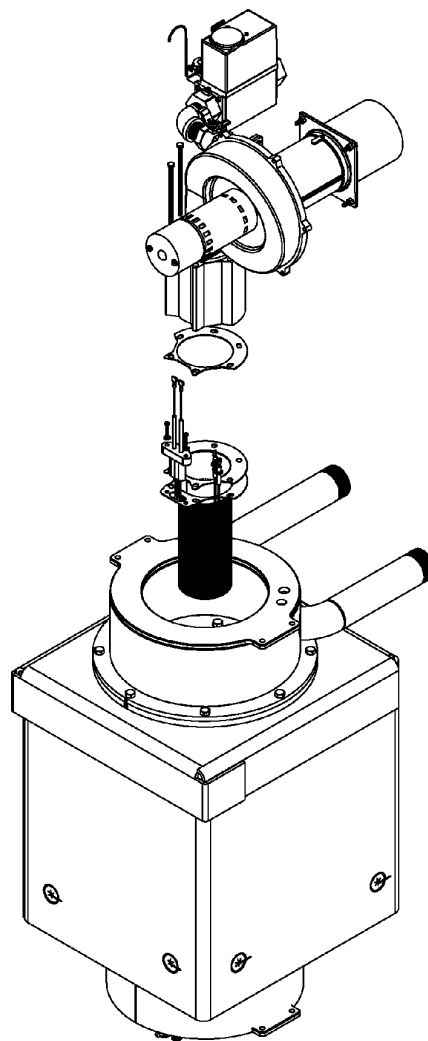
COMMERCIAL GAS SERVICE PARTS LIST

COPPER BOILERS FOR HYDRONIC
HEATING & HOT WATER SUPPLY
VF MODELS VB/VW 500, 750, 1000
SERIES100/101

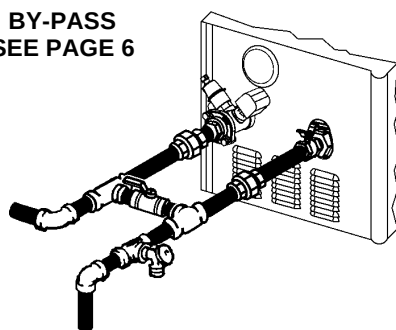
JACKET/FRAME ASSEMBLY
SEE PAGE 2



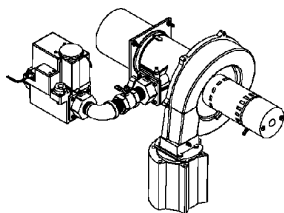
COMBUSTION CHAMBER ASSEMBLY
SEE PAGE 3



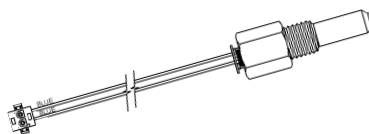
BY-PASS
SEE PAGE 6



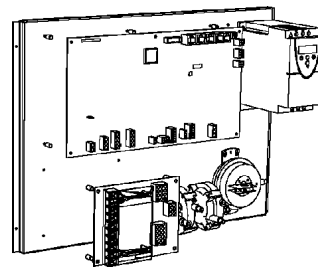
GAS TRAIN ASSEMBLY
SEE PAGE 5



ECO/OUTLET PROBE
212892-000
INLET TEMP PROBE
212882-000



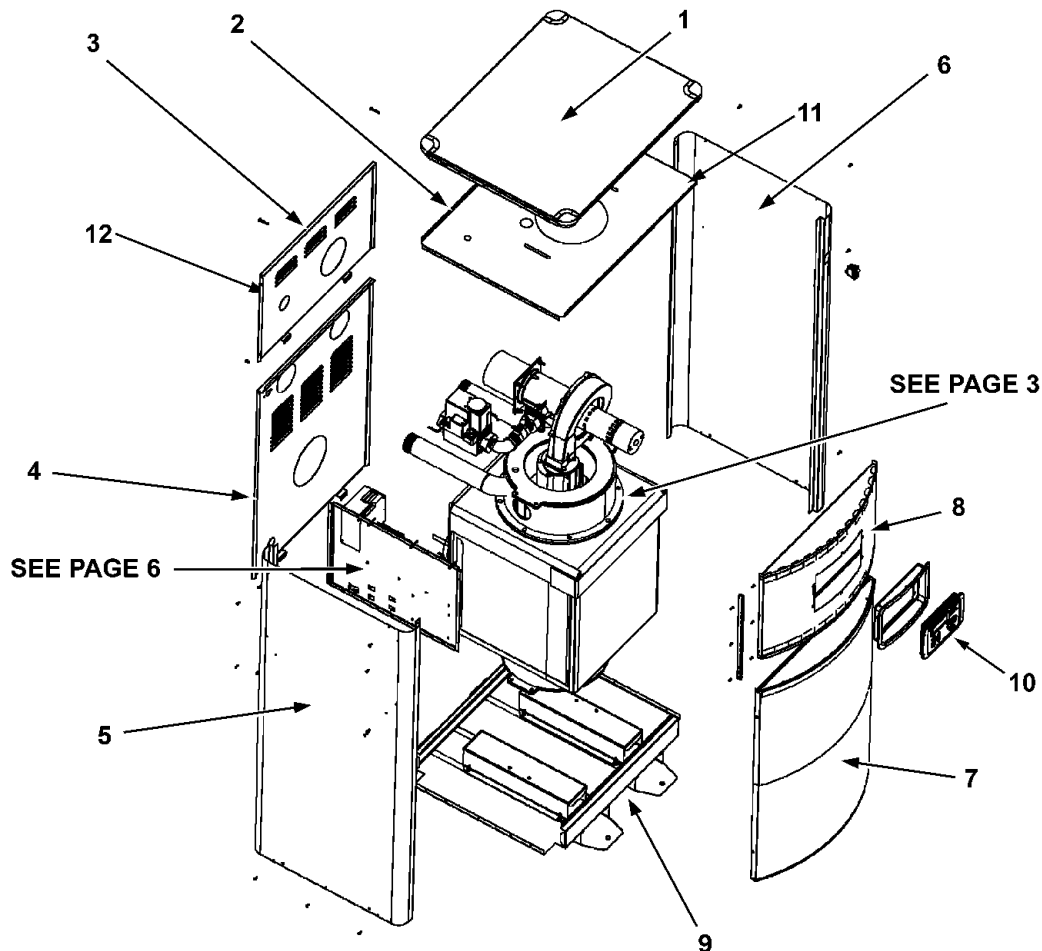
CONTROL PANEL
SEE PAGE 6



A.O. Smith Water Heater Parts Fulfillment • phone: 1-800-433-2545 • www.hotwater.com

JACKET/FRAME ASSEMBLY

Item	Description	VB/VW 500	VB/VW 750	VB/VW 1000
1	Top/Corner Assembly	Call our Parts Fulfillment Department for replacement if necessary.		
2	Plate	Call our Parts Fulfillment Department for replacement if necessary.		
3	Upper Back Panel	Call our Parts Fulfillment Department for replacement if necessary.		
4	Lower Back Panel	Call our Parts Fulfillment Department for replacement if necessary.		
5	Left Side Panel	Call our Parts Fulfillment Department for replacement if necessary.		
6	Right Side Panel	Call our Parts Fulfillment Department for replacement if necessary.		
7	Lower Curved Door Assembly	Call our Parts Fulfillment Department for replacement if necessary.		
8	Upper Curved Door Assembly	Call our Parts Fulfillment Department for replacement if necessary.		
9	Base Assembly	Call our Parts Fulfillment Department for replacement if necessary.		
10	UIM (User Interface Module)	211762-000	211762-000	211762-000
11	100VA Transformer	210449-000	210449-000	210449-000
12	Alarm Bell (Optional Not Shown)	211472-000	211472-000	211472-000

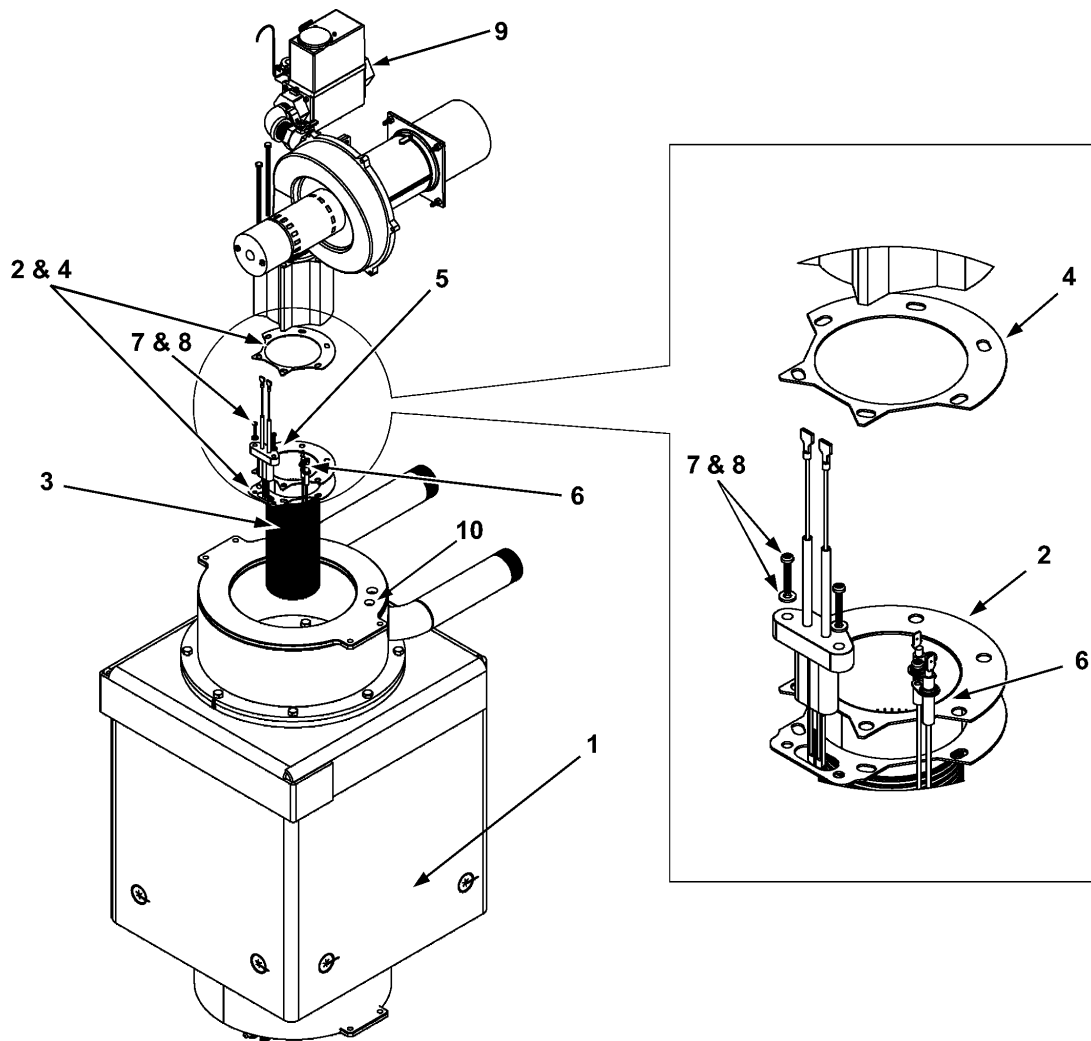


A.O. Smith Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com

COMBUSTION CHAMBER ASSEMBLY PARTS LIST

Item	Description	VB/VW 500	VB/VW 750	VB/VW 1000
1	Heat Exchanger ASM.	9006308005	9006309005	90006310005
*2	Gasket - Burner	212837-000	212837-001	212837-002
3	Burner	212345-000	212345-001	212345-002
*4	Gasket - Burner	212837-000	212837-001	212837-002
5	Igniter	9004504205	9004504205	9004504205
6	Sensor - Flame	9005892215	9005892215	9005892215
7	Screw - Machine	----	----	----
8	Washer - Plain	----	----	----
9	Low Gas Switch (Natural)	191149-000	191149-000	191149-000
9	Low Gas Switch (Propane)	191149-006	191149-006	191149-006
10	Low Water Cut-off Probe	212958-000	212958-000	212958-000

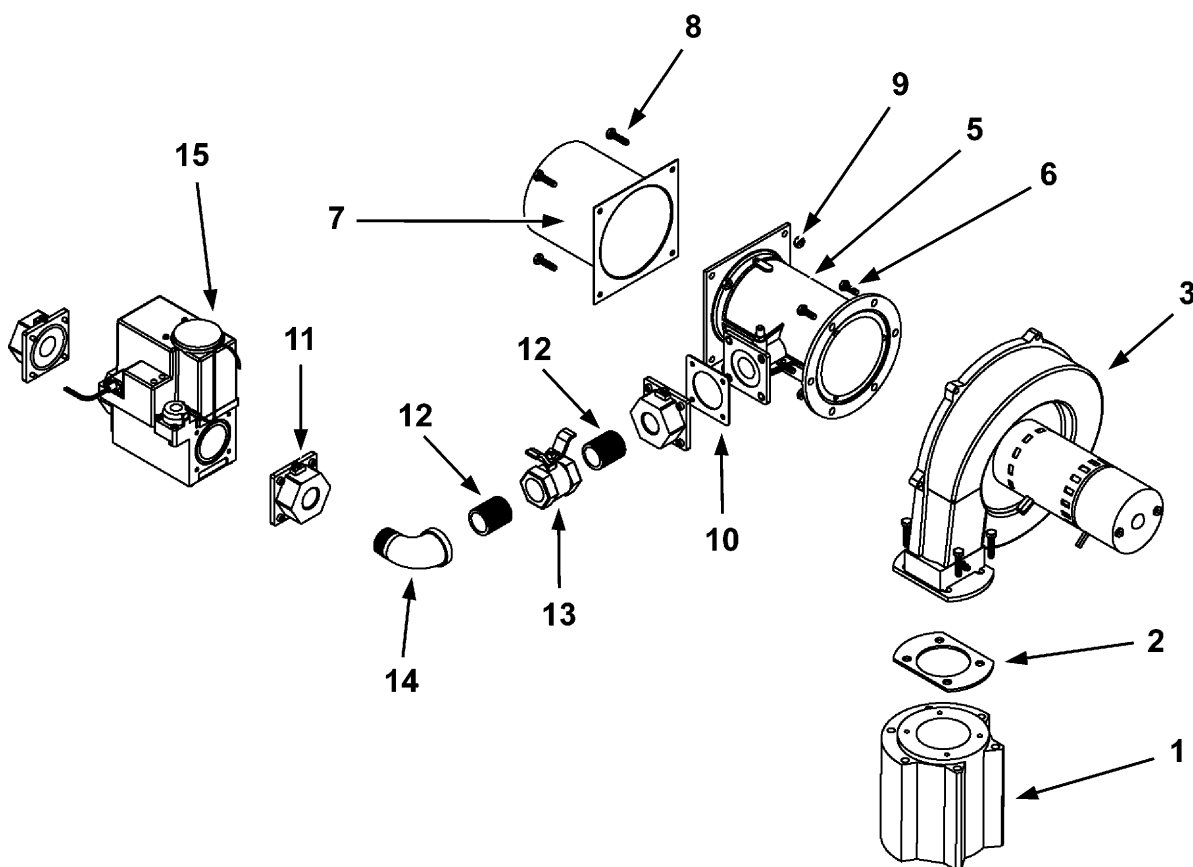


A.O. Smith Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com

BLOWER/GAS TRAIN ASSEMBLY PARTS LIST

Item	Description	VB/VW 500	VB/VW 750	VB/VW 1000
1	Blower Adapter	212341-000	212341-000	212341-000
*2	Adapter Gasket	212837-000	212837-001	212837-002
3	Blower Assembly	212340-000	212340-000	212340-000
5	Venturi - Gas/Air	212311-000	212311-000	212859-000
7	Vent Adapter	212339-000	212339-000	212339-000
8	Bolt - Hex Head Tap	-----	-----	-----
9	Nut - Hex, 1/4"-20 UNC	-----	-----	-----
*10	Adapter Gasket	212837-000	212837-001	212837-002
11	Hex Flange/O-Ring Assembly	212325-000	212325-000	212325-000
12	Nipple Pipe 1" NPT	-----	-----	-----
13	Valve - Butterfly	211391-001	211391-001	211391-001
14	Elbow - Street 1"	-----	-----	-----
15	Valve - Honeywell Modulation Gas	212324-000	212324-000	212324-000

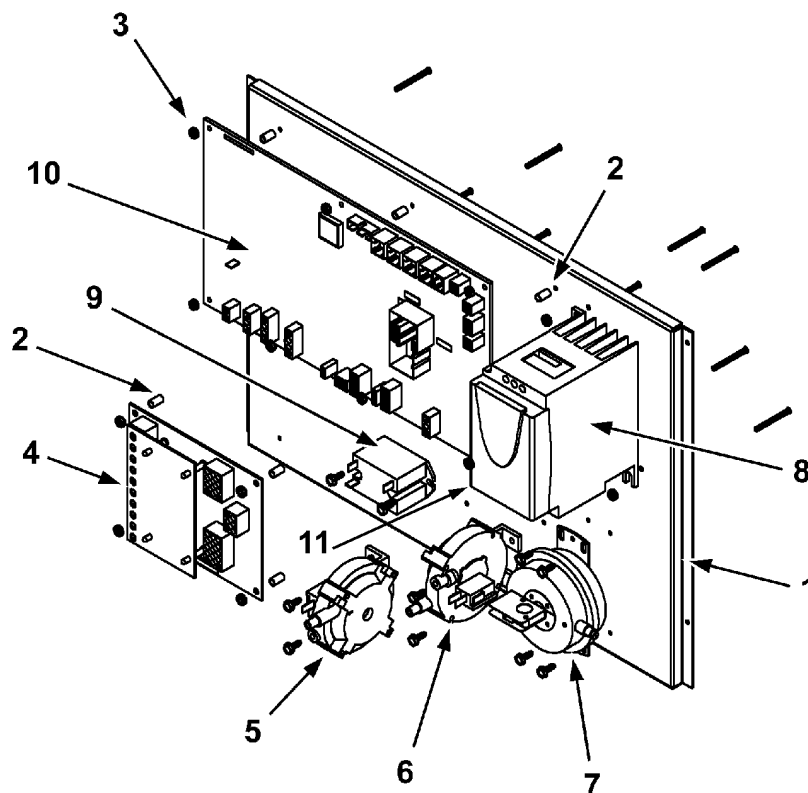


A.O. Smith
Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com

CONTROL PANEL ASSEMBLY

Item Description	VB 500	VB 750	VB 1000	VW 500	VW 750	VW 1000
1 Panel - Control						
2 Sleeve - Metal	210832-000	210832-000	210832-000	210832-000	210832-000	210832-000
3 Washer - Metal	210207-000	210207-000	210207-000	210207-000	210207-000	210207-000
4 Board - Power Distribution	211760-000	211760-000	211760-000	211760-000	211760-000	211760-000
5 Switch - High Blower Prover	212551-000	212551-000	212551-000	212551-000	212551-000	212551-000
6 Switch - Low Blower Prover	212550-001	212550-001	212550-002	212550-000	212550-001	212551-002
7 Switch - Blocked Flue	9005686205	9005686205	9005686205	9005686205	9005686205	9005686205
8 Drive - Variable Frequency	212651-000	212651-000	212651-000	212651-000	212651-000	212651-000
9 120V. Relay				211546-000	211546-000	211546-000
10 ... Board - Modulation Control	212785-000	212785-000	212785-000	212785-000	212785-000	212785-000
11 ... Low Water Cut-off (Optional Not Shown)	212958-000	212958-000	212958-000	212958-000	212958-000	212958-000
12 ... VW Wiring Harness Kit (Not Shown)	212795-000	212795-000	212795-000	212795-000	212795-000	212795-000
13 ... VB Wiring Harness Kit (Not Shown)	212795-001	212795-001	212795-001	212795-001	212795-001	212795-001

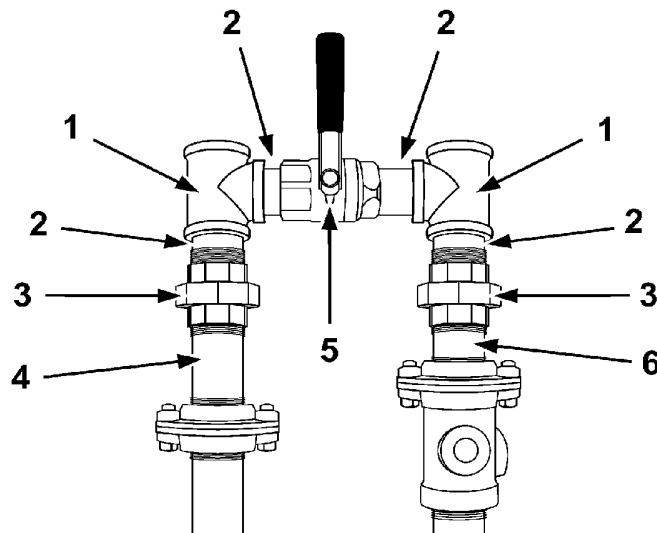


A.O. Smith
Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com

VB/VW BY-PASS PARTS LIST - ALL MODELS

Item	Description	All Models
1	2" x 2" x 2" NPT Brass Tee	-----
2	2" Brass Close Nipple	-----
3	2" Brass Union	-----
4	2" x 4" Brass Nipple	-----
5	2" Ball Valve	-----
6	2" x 2" Brass Nipple	-----

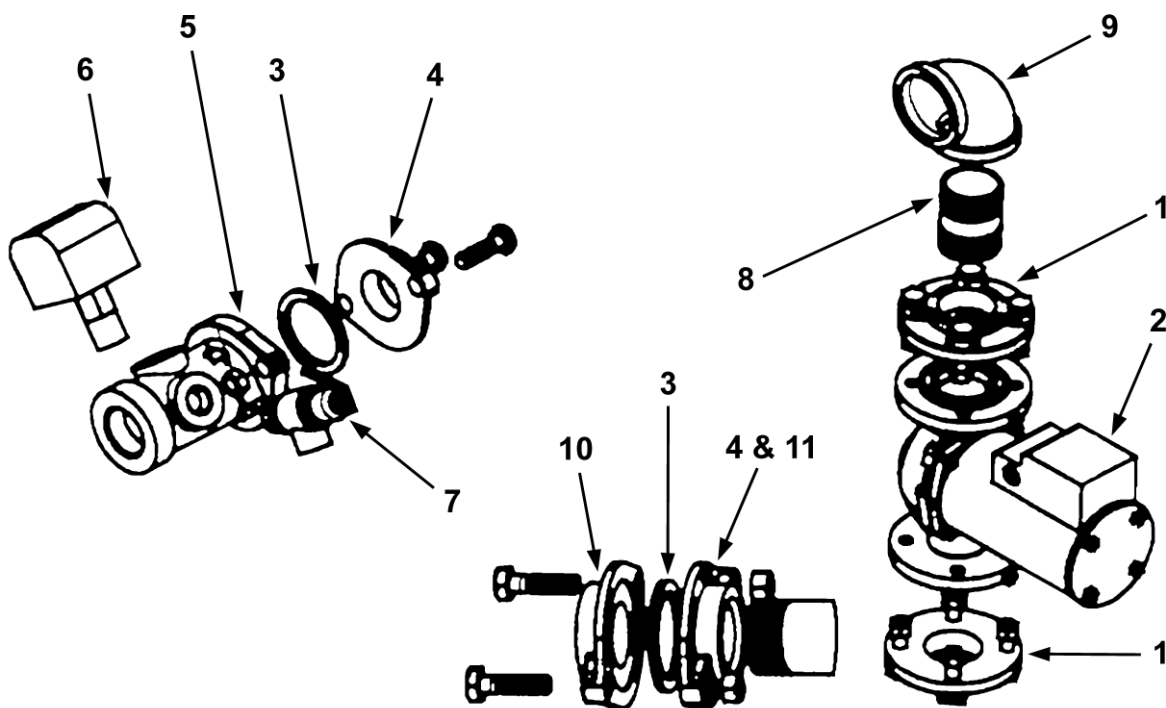


A.O. Smith
Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com

SERVICE FLANGE AND PUMP ASSEMBLY PARTS LIST

Item	Description	VB 500/750/1000	VW 500/750/1000
1	Flange Kit	-----	212894-000
2	Pump	-----	212893-000
3	Gasket Inlet/Outlet	212903-000	212903-000
4	2" NPT Service Flange	-----	212871-002
5	T-Flange	212718-000	212718-000
6	Flow Switch	9005680205	9005680205
7	Relief Valve:		
	VB Model	098883-007	-----
	VW Model	-----	210451-001
8	2" NPT Brass Nipple	-----	-----
9	2" NPT Brass Elbow	-----	-----
10	2" NPT In Service Flange	212871-001	-----
11	2" NPT Service Flange	212871-000	-----

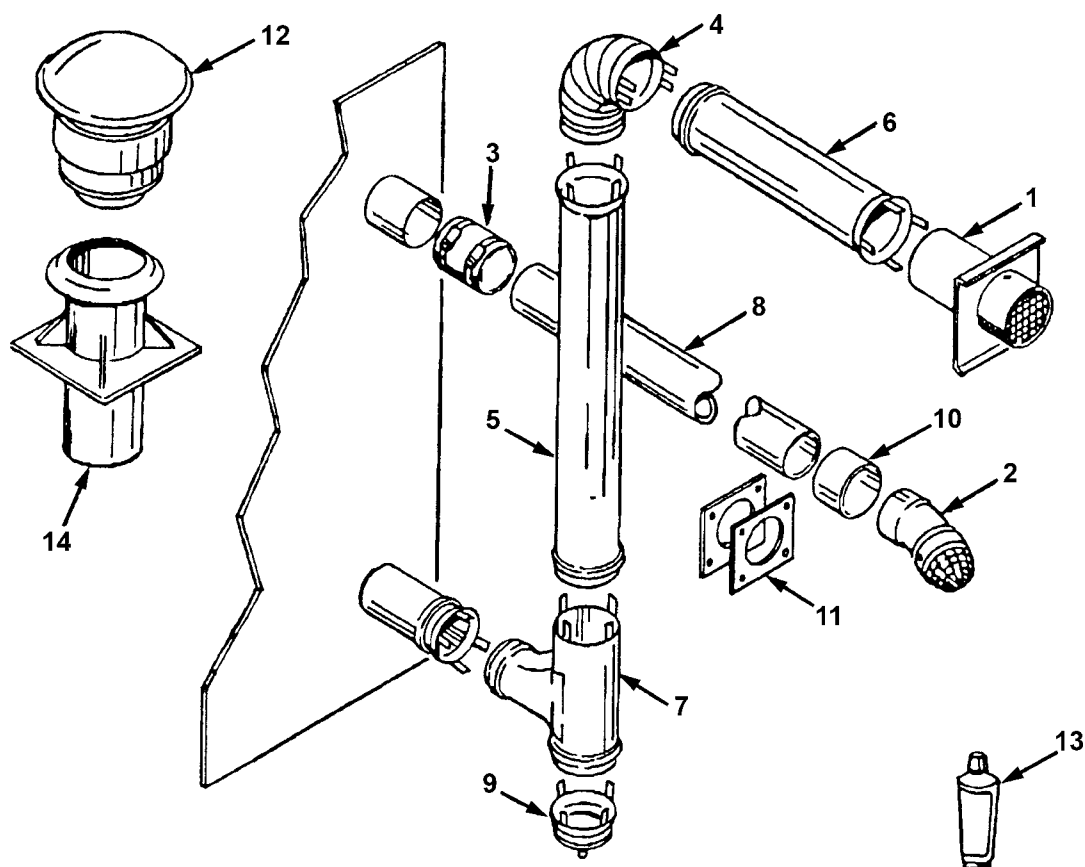


A.O. Smith Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com

Vent Kit Parts List

Item	Description	VB/VW 500/750/1000
1	Vent Terminal (Horizontal)	191960
2	Vent Terminal Inlet Assembly	191965
3	Coupling - Flex Adapter	191967
4	Elbow - 90°	192032
5	Pipe - SAF - T 48"	192039(1)
6	Pipe - SAF - T 36"	192039-1
7	Boot - Tee	192034
8	Pipe - Vent PVC	192035-1
9	Condensate Drain Cover	192036
10	Coupling - PVC	191988
11	Wall Cover Plate	192111(2)
12	Vent Terminal (Vertical)	191777
13	Cauking - Silicone	191482-1
14	Support System - Roof Jack	192076



A.O. Smith
Water Heaters

A.O. Smith Water Heater Parts Fulfillment
125 Southeast Parkway • Franklin, TN 37068 • 1-800-433-2545 • www.hotwater.com